Recombinant Pig Myosin light polypeptide 6 (MYL6)

Product Code	CSB-BP015313PI
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P60662
Product Type	Recombinant Protein
Immunogen Species	Sus scrofa (Pig)
Purity	≥85% (SDS-PAGE)
Sequence	CDFTEDQTA EFKEAFQLFD RTGDGKILYS QCGDVMRALG QNPTNAEVLK VLGNPKSDEM NVKVLDFEHF LPMLQTVAKN KDQGTYEDYV EGLRVFDKEG NGTVMGAEIR HVLVTLGEKM TEEEVEMLVA GHEDSNGCIN YEAFVRHILS G
Source	Baculovirus
Target Names	MYL6
Protein Names	Recommended name: Myosin light polypeptide 6 Alternative name(s): 17 kDa myosin light chain Short name= LC17 Myosin light chain 3 Short name= MLC-3 Myosin light chain alkali 3 Short name= Myosin light chain A3 Smoo
Expression Region	2-151
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	Myosin is a hexameric ATPase cellular motor protein. It is composed of two heavy chains, two nonphosphorylatable alkali light chains, and two phosphorylatable regulatory light chains. This gene encodes a myosin alkali light chain that is expressed in smooth muscle and non-muscle tissues. Genomic sequences representing several pseudogenes have been described and two transcript variants encoding different isoforms have been identified for this gene.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.